UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3 SEP 1986

Gerard Coscia
Dames and Moore
6 Commerce Drive
Cranford, New Jersey 07016

Dear Mr. Coscia

In accordance with our telephone conversation of September 2, 1986, I have enclosed guidance relating to data validation procedures to be followed for the SCP-Carlstadt Remedial Investigation (RI). Specifically, I have enclosed a copy of a July 29, 1986 memorandum from Lisa Gatton, of Region II's Monitoring Management Branch to John Lapadula, of my office. This memorandum, the national data validation guidelines referenced therein, and the enclosures to the memorandum comprise the data validation procedures to be followed during the course a Responsible Party RI.

As noted in the memorandum, in the near furture, EPA may begin participating in audits of the data validation process. Therefore, all the summary sheets pertaining to the analysis performed and a narrative of why all samples were rejected or accepted should be included as an appendix to the RI report.

If you have any questions, please call me at (212) 264-0613.

Sincerely yours,

Janet Feldstein, Environmental Engineer
Site Compliance Branch

Enclosures

cc: William P. Ward, General Motors Corporation

SYMBOL					
SURNAME	IN:jf 9/	CONCURRENCES			
DATE					003556

EPA Form

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GPO : 1983 0 - 403-201

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE: JUL 29 1986

SUBJECT: Policy on Responsible Party Data Validation

FROM: Lisa Gatton, Quality Assurance Chemist
Monitoring Management Branch

TO: John LaPadula
Site Investigation and Compliance Branch

This memo is to keep you abreast of the changes in requirements for validation of responsible party data since the time that the quality assurance plan for Chemical Leaman was approved by this office.

It is now required that all CERCLA analyses performed outside of CLP be validated by the laboratory which performs the work, and that the validated data be certified in writing by the laboratories' quality assurance officer (QAO). The validation should be performed in accordance with the National Data Validation SOPs, available from SMO at 703-683-0885, the Region II Data Validation SOPs, available from this office, both of which apply to the contract laboratory protocols; or with the quality control criteria set forth in the methods themselves, such as that in the 600 series methods; whichever applies. If a method is used which has no quality control criteria established and published, the laboratory is responsible for establishing precision and accuracy protocol and for validating the data based on that protocol.

The QAO should then supply you, the project officer, with all of the quality assurance summary sheets pertaining to the analyses performed, along with a narrative of why all samples were rejected or accepted. The quality assurance summary sheets can be found in Exhibit B of the July 1985 Statement of Work for Organics Analysis and in the July 1985 Statement of Work for Inorganic Analysis, also available from SMO (note that these publications are updated yearly and the most recent versions should be used). If these summary sheets are not applicable to the work performed, summary sheets should be devised to list applicable information such as surrogate recoveries, precision and accuracy performance, detection limits, blank contaminants, etc. The QAO should also supply you with the data analysis sheets for each sample fraction, listing all compounds analyzed for and either detection limits or quantities found.

At this point in time, we do not audit the data validation performed by the Responsible Parties' contractors, but we will possibly in the future.

Enclosed please find a copy of the Region 2 Data Validation SOPs for organics and inorganics which were designed for use on data generated by CLP methodologies.

If you have any questions, please call me at FTS 340-6676.

Enclosure

cc: Nickie DiForte - w/o enclosure
William Coakley - w/o enclosure

003557

SOP NO. HW-2

Evaluation of Metals Data for the Contract Laboratory Program (CLP)

based on

Solicitation, Offer, and Award No. WA84J091, dated August 21, 1984

Prepared by: John Birri Date: 1-24-85

John Birri, Quality Assurance Chemist
Monitoring Management Branch

Approved by: Gerard F. McKenna Date: 1-25-85

Gerard F. McKenna, Chief
Monitoring Management Branch

SOP NO. HW-3

CLP ORGANICS DATA REVIEW

PREPARED BY: Lisa Gatton DATE: 3/14/86
Lisa Gatton, Quality Assurance Chemist
Monitoring Management Branch

PREPARED BY: John Birri DATE: 3/14/86
John Birri, Quality Assurance Chemist
Monitoring Management Branch

APPROVED BY: Gerard F. McKenna DATE: 3/14/86
Gerard F. McKenna, Chief
Monitoring Management Branch